

Grevillea,

A MONTHLY RECORD OF CRYPTOGAMIC BOTANY
AND ITS LITERATURE.

NOTICES OF NORTH AMERICAN FUNGI.

By THE REV. M. J. BERKELEY, M.A., F.L.S.

(Continued from Page 7.)

- * **Clavaria fusiformis.** *Sow.*—In woods, Rav. No. 1080.
Pale yellow, not so brittle as *C. inæqualis*, and more fasciculate.
- * **Clavaria miniata.** *B.*—Hook. Lond. Journ., 1843, p. 416.
On damp, sandy ground. Car. Inf. No. 992.
- * **Clavaria inæqualis.** *Fr.*—Car. Inf. Rav. No. 1632. New England, Sprague. No. 5795.
- * **Clavaria argillacea.** *Fr.*—Penns., Michener. No. 3938. New England, Sprague. No. 5797.
- * **Clavaria fragilis.** *P.*—Car. Inf. No. 1313.
- * **Clavaria contorta.** *Holmsk.*—On dead branches. Car. Inf., No. 3831, New England, Sprague. No. 5398.
Maine, on birch, a darker form than usual. Rev. J. Blake. No. 6292.
- 301. **Clavaria filipes.** *B. & Rav.*—Pallide rufa; stipite filiformi distincto fistuloso, clavula longo cylindrica curvata. On the ground. Car. Inf. Rav. No. 1488.
Springing from a white mycelium; pale rufous; stem about an inch high, slender, club the same length.
- * **Clavaria mucida.** *P.*—Car. Inf. No. 655, 974, Rav.
- 302. *Var. Curtisii.* *B.*—Clavata brevis lutea apice fusca; stipite albo, e mycelio parco albo orbiculari oriundo. No. 974 is once forked and narrow.
On wet-rotting stumps.
- * **Clavaria acuta.** *Sow.*—On the ground. Car. Inf. No. 2947, 3244.
- * **Clavaria falcata.** *P.*—Alabama, Peters. No. 3877.
- 303. **Pterula densissima.** *B. & C.*—Pulvinata congesta e communi basi ramosissima; ramis tenuibus apice penicillatis. On the ground, under shrubs. New England, Sprague. No. 5324.
Forming dense rufous pulvinate masses; very much branched from a common base; branches slender, apices pencilled.

* **Calocera palmata.** *Fr.*—On dead branches. Boston, Murray. No. 6391.

* **Calocera albipes.** *Mont.*—(sub *Clavaria.*) Ohio, Lea. No. 56.

* **Calocera cornea.** *Fr.*—On dead wood. Car. Inf. No. 635, 1275, 2065. Ohio, Lea. No. 278. Penns., Michener. No. 3935.

* **Typhula Grevillei.** *Fr.*—On petioles of Liquidambar. Car. Inf. No. 2743.

304. **Typhula rubicola.** *B. & C.*—Filiformis opaca cylindrica apice clavata alba, insititia. On dead Rubus. Penns., Michener. No. 4332.

Thread-shaped, opaque, cylindrical, springing at once from the matrix; clavate at the apex. About $\frac{1}{3}$ of an inch high.

* **Typhula muscicola.** *Fr.*—Car. Inf. Rav. No. 1604. Penns., Michener. No. 3976.

A variety with the tips acute, and sparingly branched.

305. **Typhula mucosa.** *B. & C.*—Simplex filiformis acutissima, basi leviter incrassata. On dead herbaceous stems. Car. Inf. No. 3832.

Not above the $\frac{1}{2}$ of an inch high; slender, threadlike, springing from a minute bulb-like base, very acute. A much smaller species than *T. subulæformis*.

* **Typhula gyrans.** *Fr.*—On dead petioles. Car. Inf. No. 3844.

306. **Typhula tenuissima.**—*Curt. in Sill. Journ.*, 1848, p. 350. *Linn. Soc. Journ.*, x., p. 339. On dead leaves. Car. Inf. No. 1368.

307. **Pistillaria elegans.** *B. & C.*—Stipite e sclerotia orbiculari oriundo, clavula nutante aurantia. On slender dead twigs of *Viburnum opulus*. Car. Inf. No. 2780.

Stem short, cylindrical, springing from a flat, dark-brown sclerotium; head very obtuse orange. About $\frac{1}{4}$ inch high.

* **Pistillaria rosella.** *Fr.*—On dead leaves. Car. Inf. No. 1361.

308. **Exidia obliqua.** *B. & C.*—Nigra obliqua expansa subtus velutina hymenio lævi. On branches. New Engl., Murray. No. 5692.

Black, expanded, oblique, attached on one side, velvety beneath, as in *E. glandulosa*, hymenium without spicules.

* **Exidia glandulosa.** *Fr.*—Car. Inf. No. 694. Rav. No. 1380. Maine, Sprague. No. 6212. Car. Sup. No. 121, 333.

* **Exidia truncata.** *Fr.*—On dead branches. No. 3533. Penns., Michener.

* **Exidia recisa.** *Fr.*—On oak. Car. Inf. No. 2786.

309. **Exidia picea.** *B. & C.*—Erumpens; pedunculo cylindrico brevi, hymenio cupulæformi subtus lævi. On *Betula lenta*. Car. Sup., No. 4493.

About $\frac{1}{6}$ inch across, pitch black; stem short, cylindrical; hymenium cup-shaped, smooth externally.

310. **Exidia pedunculata.** *B. & C.*—Stipite distincto sulcato, hymenio expanso lobato demum deflexo. On pine. Car. Inf., No. 3750.

About $\frac{1}{8}$ of an inch high, horn-colour; stem erect, sulcate, bearing at the apex the expanded, lobed, and at length deflexed hymenium, about $\frac{1}{2}$ of an inch across. At first tuberculiform, and attached to a white floccose mycelium, which at length entirely vanishes.

* **Hirniola Auricula-Judæ.** *Fr.*—Car. Sup. No. 308, 404, 5055. Ohio, Lea. Texas, C. Wright. No. 3143.

311. **Hirniola scutelliformis.** *B. & C.*—Minuta orbicularis, subtus candida; hymenio fusco. On branches of *Asimina*. Alabama, Peters. No. 6343.

About $\frac{1}{2}$ inch across, looking like a flat Peziza; thin, orbicular, white beneath, hymenium brown. Sometimes laterally confluent, and forming a continuous mass.

* **Tremella lutescens.** *Fr.*—Car. Inf. No. 1552. Car. Sup. No. 528. Ohio, Lea. Alabama, Peters. No. 4573.

* **Tremella foliacea.** *P.*—New England, Murray. No. 5312. Car. Inf. No. 2532, 1531.

* **Tremella albida.** *Huds.*—Car. Inf. No. 2392, 2749. No. 2967. Ravenel. No. 1076. New England, Sprague. No. 5402.

312. **Tremella gigantea.** *B. & C.*—Maxima, pallide ferruginea, foliacea, firma. Alabama, Peters. No. 3806.

Very near *T. ferruginea*, but paler and firmer.

* **Tremella sarcoides.** *Sm.*—On Birch. Car. Sup. Curt., No. 4459. New Eng., Sprague, No. 5686.

* **T. intumescens.** *Smith.*—Car. Sup. No. 768, 794, 881. Car. Inf. No. 1403, 1679. Penns., Michener, No. 3970.

* **T. mesenterica.** *Retz.*—Car. Sup. No. 14. Car. Inf. No. 1407.

313. **Tremella dependens.** *B. & C.*—Sacciformis subclavata, viridi-flava dependens. On *Liriodendron*. Alabama, Peters. No. 6455.

Sacklike, elongated, subclavate, subtranslucent, thin, watery, mucilaginous, dissolving when the thin outer skin is broken; pale, watery, greenish-yellow, $\frac{1}{8}$ -1 inch long. Hanging down from the under side of rotting tulip logs after rains. July, Sep. Allied to *T. vesicaria*.

* **Tremella aurantia.** *Sch.*—Car. Sup. No. 430, 1520.

* **Tremella vesicaria.** *Bull.*—Penns., Michener. No. 3981, 3984. New Eng., Murray. No. 5658. *Leotia anomala*, Schwein. MS=*Guepinia Helvelloides*, Schw.

314. **Tremella marmorata.** *B. & C.*—Magna cerebriformis compacta granulata nigra intus marmorata. On oak logs. Car. Inf. No. 3023. Aug.

Forming a thick, compact, brainlike mass, of a dark-brown tint inclining to black, with the habit of *Næmatelia encephala*, marbled within like a truffle; threads waved; spores oblong. No. 5687. New England, Sprague. Appears rather to be a state of some *Hypoxyton*.

* **Tremella torta.** Willd.—Car. Inf. No. 1273, 1279, 1499, 2972. Car. Sup. No. 761. New Eng., Murray. No. 5710.

315. **Tremella enata.** B. & C.—Erumpens, convexa, tuberculi-formis rufa; floccis dichotomis erectis. On *Alnus serrulata*, No. 2191. Car. Inf. On oak. No. 2456.

Erumpent, forming little rufous tubercles; flocci erect, dichotomous.

* **Næmatelia encephala.** Fr.—On oak. Alabama, Peters. No. 6096. No. 4892, from Maine, is apparently a young state.

* **Næmatelia nucleata.** Fr.—Car. Inf. On oak and Nyssa. No. 2642. *Tremella gemmata*, Lèveillé. Ravenel, No. 1441, on *Acer rubrum*—is apparently a confluent state of the same species.

316. **Dacrymyces chrysosperma.** B. & C.—Erecta clavato-lobata aurantiaca; sporis aureis 4-6 septatis. New England, Sprague. No. 6211.

On stumps; erect, lobed above, orange, dusted with the golden spores. More highly developed than *D. deliquescens*.

* **Dacrymyces deliquescens.** Fr.—New England, Sprague. Russell, No. 5951. Car. Inf. No. 3036. Ravenel, No. 1378, 1177.

* **Dacrymyces stillatus.** Fr.—Car. Inf. No. 1080, 1877. No. 5894.

317. **Dacrymyces syringicola.** B. & C.—Erumpens plana epidermide cincta pallida; conidiis oblongis curvulis quandoque furcatis. On *Syringa*. Car. Inf.

Forming little concave pallid spots, resembling some *Stictis*, surrounded by the cuticle; conidia oblong, curved, sometimes forked at one end. Allied clearly to *D. cinnabarina*, Schwein, which has a similar habit; on willow and mulberry.

318. **Dacrymyces destructor.** B. & Rav.—Erumpens, epidermide cincta, tuberculata pallida; conidiis oblongis curvulis quandoque furcatis. On branches of pear, to which it is very destructive. Car. Inf., Ravenel. No. 1233.

With the habit of the last, but tuberculated.

* **Ditiola radicata.** Fr.—On pine wood. No. 3250. *Ditiola gambosa*, B. & C.

319. **Coryne gyrocephala.** B. & C.—Stipite cylindrico rufo demum sulcato, capite fusco gyroso. On rotting logs in swamps. Car. Inf. No. 1191.

About $\frac{1}{4}$ inch high, stem cylindrical, rufous, at length slightly sulcate; head brown, gyrose, as in *Helvella esculenta*. A very remarkable fungus.